TEST REASONS

I. Screen prototype: Initial Load

JURISDICTION BASED SECURITY – EDIT link is only available to users that have access for the manage jurisdiction for the condition.

o   Refer to properties in Global.ascx.vb file for proper security roles and screen displays. (Ex. ViewHIV, viewTBDisease, viewCD)

Screen Display
- Lock Entry Fields
    - No Wrap
    - Yellow Space is added to right of fields/labels (not in the middle or left)
- Grids set to 100% of full page
- Add to List and Clear set to top right most of grid
- Subheader titles (if needed) are bold
- No borders on sections/tables

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II. Screen prototype: Click Edit Button

- o Paging will be available in the Test Reasons grid when there are more than five rows of information, and the default is to initially show five at a time. Keep the current sort order when paging.
- o The tab order should default as top to bottom left to right unless otherwise stated.
- o No more than the maximum number of characters can be entered into the following fields:
  - OTHER REASON – 64
  - OTHER EMPLOYER/RESIDENCE – 64
  - RVCT Number - 12

III. JavaScript validations and behaviors:
- o Use JavaScript on select of Variable to enable or disable field labels and their respective data entry controls as follows:
  - o When the reason selected is "CONTACT TO TB CASE", enable Report of Verified Case of Tuberculosis (RVCT) Number
  - o When the reason selected is "EMPLOYMENT" or "RESIDENT", enable Employer/Residence.
- o On select of a Reason.
  - If 'OTHER' selected
    Other Reason textbox is enabled.
  - If not
    Other Reason textbox is disabled.
- o Ensure at least two different 'OTHER' reasons can be added to list.
- o On select of a Employer/Residence.

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- If 'OTHER' selected

    Other Employer/Residence textbox is enabled.
- If not

    Other Employer/Residence textbox is disabled.
- o Ensure at least two different 'OTHER' Employer/Residence records can be added to list.
- o Date Fields: (na)
    - Display should include label, entry field, calendar icon, and format

        [Label: ▢ 📇 (mmddyyyy)]
    - Display "Invalid Date" to the right of the Date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
    - Date fields - listed above – 10 (must have day and slashes in this date so it must be exactly 10 characters)
    - When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.
    - Only allow entry of numbers and slashes (no characters)
- o When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.

IV. Coding
- o Grid Sort
    - Reason Ascending
    - When click column header in grid, check that the sort is currently on that column.
        - If true

            Sort list on that column ascending/descending (opposite current sort).
        - If false

            Sort list on that column ascending.
    - When click a column header to change the sort, restart the user on page 1 of the grid with the new sort order.
    - Dates sort include the month, day and year.
- o Drop down list
    - **Reason** (SURVWEB_LOOKUP_NAME table – LIST_NAME: TEST REASON)
    - **Employer /Residence** (SURVWEB_LOOKUP_NAME table – LIST_NAME: EMPLOYER RESIDENCE)
- o TEXT Boxes (OTHER REASON, OTHER EMPLOYER/RESIDENCE, EMPLOYER NAME)
    - All text boxes transform text to uppercase on entry (OTHER DRUG, OTHER REASON, NOTE)
    - Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database

V. Display grid links
- o **Before Save** of Record – Display

    Edit and Remove links
- o **After Save** of Record – Display

    Update and QA Role – Edit link only

    Admin Role – Edit and Remove
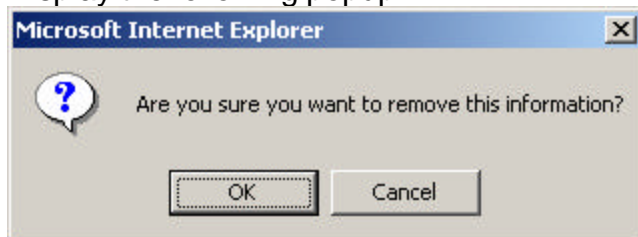
VI. Error messages

TEST REASONS
- o Display in the order of the fields on the screen when <u>Add to List</u> is clicked or the **Save** button:
  - Reason is required.
  - Employer/Residence is required to Add Reason of EMPLOYMENT.
  - Employer/Residence is required to Add Reason of RESIDENT.
  - Employer/Residence is invalid unless the selected Reason is EMPLOYMENT or RESIDENT
  - Other Reason is required when 'OTHER' is selected
  - Other Employer/Residence is required when 'OTHER' is selected.
  - Comments must be alphanumeric, punctuation cannot be entered
  - The current combination of is already in the list
  - Information has been entered to add to list, click Add to List or Clear the information

VII. Buttons & Links
- o Validation to display messages to the user will not be performed on <u>Clear</u> or on **Cancel**
- o When click a <u>Clear</u> link
  - Clear out the entry fields in that section
  - Clear out error messages in that section.
- o When click an <u>Add to List</u> link, validate entry fields in that section and their combinations.
- o If passes validation
  - Add those items to the grid in a new row that has a Remove link sorted the same as prior to clicking the link
  - Clear out the entry fields in that section
  - Clear out error messages in that section. When add an item to the list, check to see what Show is set to and what the row number is for the newly added row.
- o Display the page of the grid that the new row is added to.
- o When click a <u>Remove</u> link
  - Display the following popup.

  - If the user clicks OK
      Remove the row and display grid
      Clear out the entry fields in that section
      Clear out error messages in that section.
  - If the user clicks Cancel
      Do not remove the row from the grid display and do not clear any entry fields or error messages.
  - When click Cancel   button, reload screen.

VIII. Other Links (NA)

IX. Database routines
- a. Test Reason information will be stored in the SURVWEB_COND_TEST_REASON table. This will be a new table as shown below.

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Table:	Field on Screen	Database column	
SURVWEB.SURVWEB_COND_TEST_REASON **PK SURVWEB_COND_TEST_REASON_ID** **FK1 SURVWEB_CONDITION_ID** REASON REASON_OTHER EMPLOYER_RESIDENCE EMPLOYER_RESIDENCE_OTHER EMPLOYER_NAME RVCT_NUMBER **ENTRY_DATETIME** **ENTRY_USERID** LAST_CHANGED_DATETIME LAST_CHANGED_USERID	NA	SURVWEB_COND_TEST_REASON_ID	Generate the SURVWEB_COND_TEST_REASON_ID
	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID to SURVWEB_CONDITION_ID
	Reason	REASON	Set REASON to REASON
	Other Reason	REASON_OTHER	Set REASON_OTHER to REASON_OTHER
	Employer/Residence	EMPLOYER_RESIDENCE	Set EMPLOYER_RESIDENCE to EMPLOYER_RESIDENCE
	Other Employer/Residence	EMPLOYER_RESIDENCE_OTHER	Set EMPLOYER_RESIDENCE_OTHER to EMPLOYER_RESIDENCE_OTHER
	RVCT Number	RVCT_NUMBER	Set RVCT_NUMBER to RVCT_NUMBER
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
	NA	ENTRY_USERID	Set ENTRY_USERID = userid
	NA	LAST_CHANGED_DATETIME	NULL
	NA	LAST_CHANGED_USERID	NULL

X. Database routines – NOTES or COMMENTS

CONDITION NOTES - To display the notes in various screens, use NOTE_TYPE for filter. Comments will be saved to SURVWEB.SURVWEB_COND_NOTE with a note type of TEST REASON.

Table:	Field on Screen	Database column	
SURVWEB.SURVWEB_COND_NOTE **PK SURVWEB_COND_NOTE_ID** **FK1 SURVWEB_CONDITION_ID** ENCOUNTER_ID CONTACT_ID **NOTE_TYPE** **NOTE_TEXT** **ENTRY_DATETIME** **ENTRY_USERID**	NA	SURVWEB_COND_NOTE_ID	Generate a SURVWEB_COND_NOTE_ID
	NA	SURVWEB_CONDITION_ID	Set SURVWEB_CONDITION_ID = the CONDITION_ID
	Encounter Screen – ENCOUNTER_ID generated at SAVE	ENCOUNTER_ID	Set ENCOUNTER_ID to ENCOUNTER_ID
	Condition Contact Screen – CONTACT_ID generated at SAVE	CONTACT_ID	Set NOTE_TEXT to NOTE_TEXT
	NA	NOTE_TYPE	Set NOTE_TYPE = DRUG (when entered from the DRUG SUSCEPTIBILITY node)
	Narrative	NOTE_TEXT	Set NOTE_TEXT to NOTE_TEXT
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = current date time
	NA	ENTRY_USERID	Set ENTRY_USERID = userid